

**Computer Games Development**

**TDD**

**Year IV**

## 

**Jack Fennell**

**C00220386**

### **Contents**

[**Contents**](#_7sdgwxc0jwqh) **2**

[**Game Architecture**](#_omzysf7kb550) **3**

[**Features**](#_2ppywl14o75k) **3**

[**CRC Cards**](#_pkcmshy604as) **3**

[**References**](#_yd8pbwo88cwa) **4**

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### **Game Architecture**

### **Features**

Feature: Player

Tasks:

### **CRC Cards**

Class Name :

Subclasses :

Superclasses :

Responsibilities:

Collaborators:

Class Name :

Subclasses :

Superclasses :

Responsibilities:

Collaborators:

### **References**

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| --- | --- | --- |
| **Referenced Publication** | **Citation** | **Reference** |
| Report | (Simon D. Mikulcik  2016) | Simon D. Mikulcik  Application of Neural Networks for Intelligent Video Game Character Artificial Intelligences |
| Report | (J Mänttäri and  J Larsson.  October 2011) | J Mänttäri and J Larsson.  Applications of Artificial Neural Networks in Games;  An Overview. |
| Website | (Collection of Authors) | Multiple Authors 2005. Artificial Bee Colony (ABC) Algorithm. (URL https://abc.erciyes.edu.tr/index.htm)  (Accessed 23 October 2019). |
| Report | (Zhamri Che Ani, Azman Yasin,  Mohd Zabidin Husin and Zauridah Abdul Hamid  2010) | Zhamri Che Ani, Azman Yasin, Mohd Zabidin Husin  and Zauridah Abdul Hamid.  A Method for Group Formation Using Genetic  Algorithm |
| Report | ([Partha Pratim Sarangi](https://www.researchgate.net/profile/Partha_Sarangi), [Abhimanyu Sahu](https://www.researchgate.net/profile/Abhimanyu_Sahu3) and [Madhumita Panda](https://www.researchgate.net/profile/Madhumita_Panda). 2014) | [Partha Pratim Sarangi](https://www.researchgate.net/profile/Partha_Sarangi), [Abhimanyu Sahu](https://www.researchgate.net/profile/Abhimanyu_Sahu3) and [Madhumita Panda](https://www.researchgate.net/profile/Madhumita_Panda).  Training a Feed-Forward Neural Network Using Artificial Bee Colony with Back-Propagation Algorithm |
| Website | (Garych 2020) | Garych  How to Compare Machine Learning Algorithms. |

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